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09702165

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 1314-13-2 REGISTRY
CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 503R
CN 720C
CN Actox 14
CN Actox 16
CN Actox 216
CN AEE-Zn 601
CN Amalox
CN AZ-SW
CN AZO
CN AZO 22
CN AZO 55
CN AZO 66
CN AZO 77
CN Azo-B
CN Azodox
CN Biocide 3000D
CN BTs 1
CN BTs 1 (pigment)
CN C 30
CN C 30 (oxide)
CN Conductive Zinc Oxide No. 1
CN Electrox 2500
CN Elma 21
CN Elma 215
CN F 60
CN F 60 (antimicrobial)
CN FC-MI-W
CN Finex 25
CN Finex 50
CN Finex 75
CN FINX 75
CN Flowers of zinc
CN FO 1020A
CN FX
CN FX (oxide)
CN FX-UFZ-D
CN GIAP 10
CN Green Seal 8
CN Hubbuck's White
CN K-Fresh MZO
CN Kadox 15
CN Kadox 25
CN Kadox 515
CN Kadox 72
CN Kadox 911
CN Kadox 920
CN Kadox 930
CN Kadox XX 78
CN LPZIN 8
CN Luxelen FZT 200
CN **Zinc oxide**

09702165

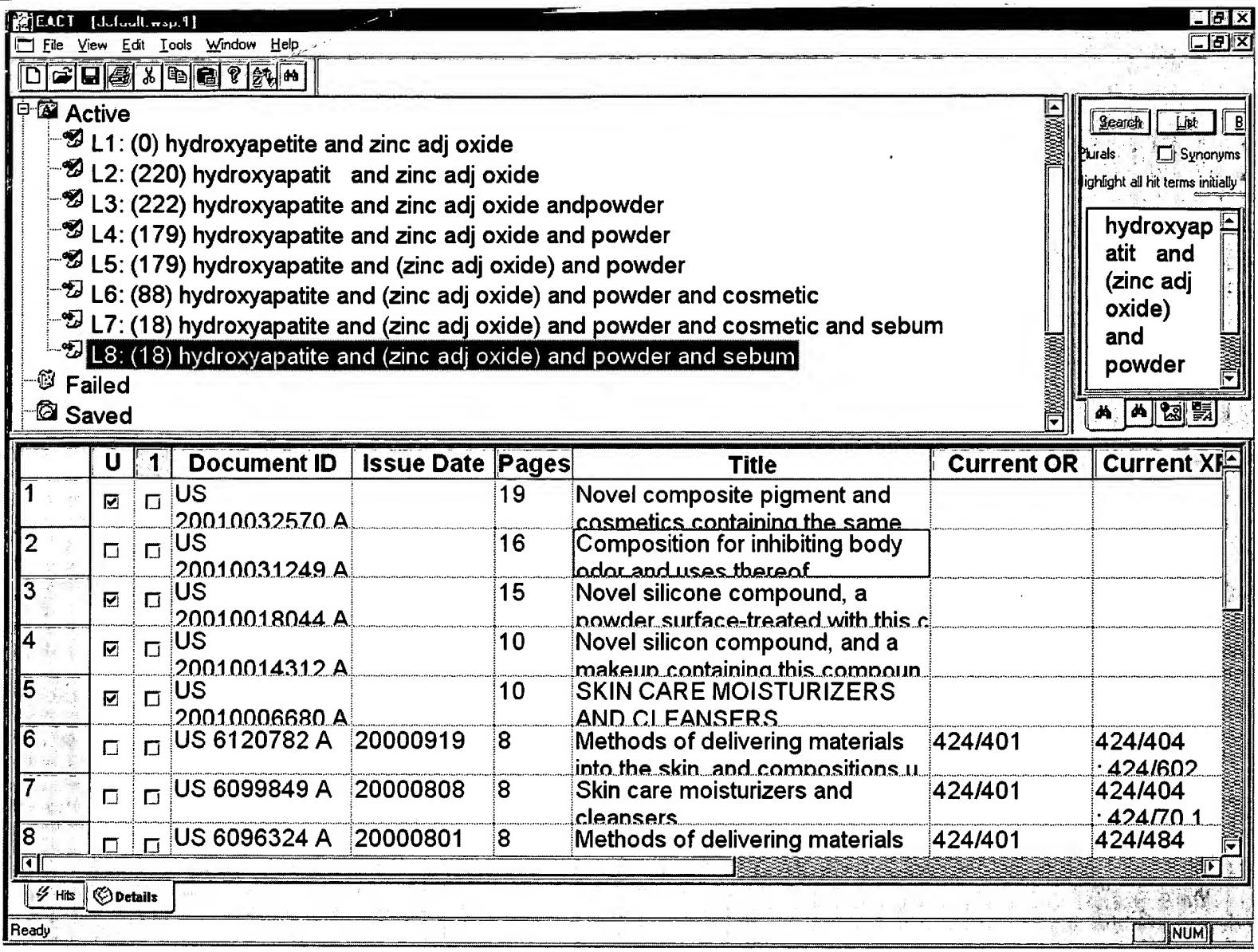
L14 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1992:27804 CAPLUS
DOCUMENT NUMBER: 116:27804
TITLE: Hydrotalcite-coated **powder** for **cosmetics**
INVENTOR(S): Nakane, Toshihiko; Nishiyama, Seiji; Nanba, Tomiyuki
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03153767	A2	19910701	JP 1989-294497	19891113
JP 2893541	B2	19990524		

AB A topical **cosmetic**, deodorant, hair prepn. or dentifrice is prepd. with particles coated with hydrotalcite or a mixt. of hydrotalcite and other **powder**, which absorbs epidermal waste and unpleasant odorous materials. For example, spherical nylon-12 (av. diam 6.6 .mu.m) particles were coated with hydrotalcite (av. diam 0.3 .mu.m). This product (15% by wt.) was added to a **cosmetic** foundation.

09702165

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 1306-06-5 REGISTRY
CN Hydroxylapatite (Ca5(OH)(PO4)3) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Hydroxylapatite (8CI)
OTHER NAMES:
CN Apaceram
CN APAFILL-G
CN Apatite
CN Apatite hydroxide (Ca10(PO4)6(OH)2)
CN Boneceram P
CN Bonfil
CN Calcium hydroxyapatite
CN Durapatite
CN FKI
CN HAP-B
CN Hy-Apatite
CN **Hydroxyapatite**
CN Interpore 200
CN Interpore 500
CN Monite
CN Supertite 10
CN Synamel
CN Tri-Tab
DR 12440-80-1, 136841-77-5, 196875-13-5
MF Ca . H O . O4 P
AF Ca5 H O13 P3
CI MNS, COM, TIS


EAST [default.wsp.1]
File View Edit Tools Window Help
Active
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L2: (220) hydroxyapatit and zinc adj oxide
L3: (222) hydroxyapatite and zinc adj oxide andpowder
L4: (179) hydroxyapatite and zinc adj oxide and powder
L5: (179) hydroxyapatite and (zinc adj oxide) and powder
L6: (88) hydroxyapatite and (zinc adj oxide) and powder and cosmetic
L7: (18) hydroxyapatite and (zinc adj oxide) and powder and cosmetic and sebum
L8: (18) hydroxyapatite and (zinc adj oxide) and powder and sebum
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List
Plurals
Synonyms
Highlight all hit terms initially
hydroxyapatit and (zinc adj oxide) and powder
U
1
Document ID
Issue Date
Pages
Title
Current OR
Current XR
1 US 20010032570 A 19 Novel composite pigment and cosmetics containing the same
2 US 20010031249 A 16 Composition for inhibiting body odor and uses thereof
3 US 20010018044 A 15 Novel silicone compound, a powder surface-treated with this c
4 US 20010014312 A 10 Novel silicon compound, and a makeup containing this compoun
5 US 20010006680 A 10 SKIN CARE MOISTURIZERS AND CLEANSERS
6 US 6120782 A 20000919 8 Methods of delivering materials into the skin and compositions u 424/401 424/404 · 424/602
7 US 6099849 A 20000808 8 Skin care moisturizers and cleansers 424/401 424/404 · 424/70.1
8 US 6096324 A 20000801 8 Methods of delivering materials 424/401 424/484
Hits
Details
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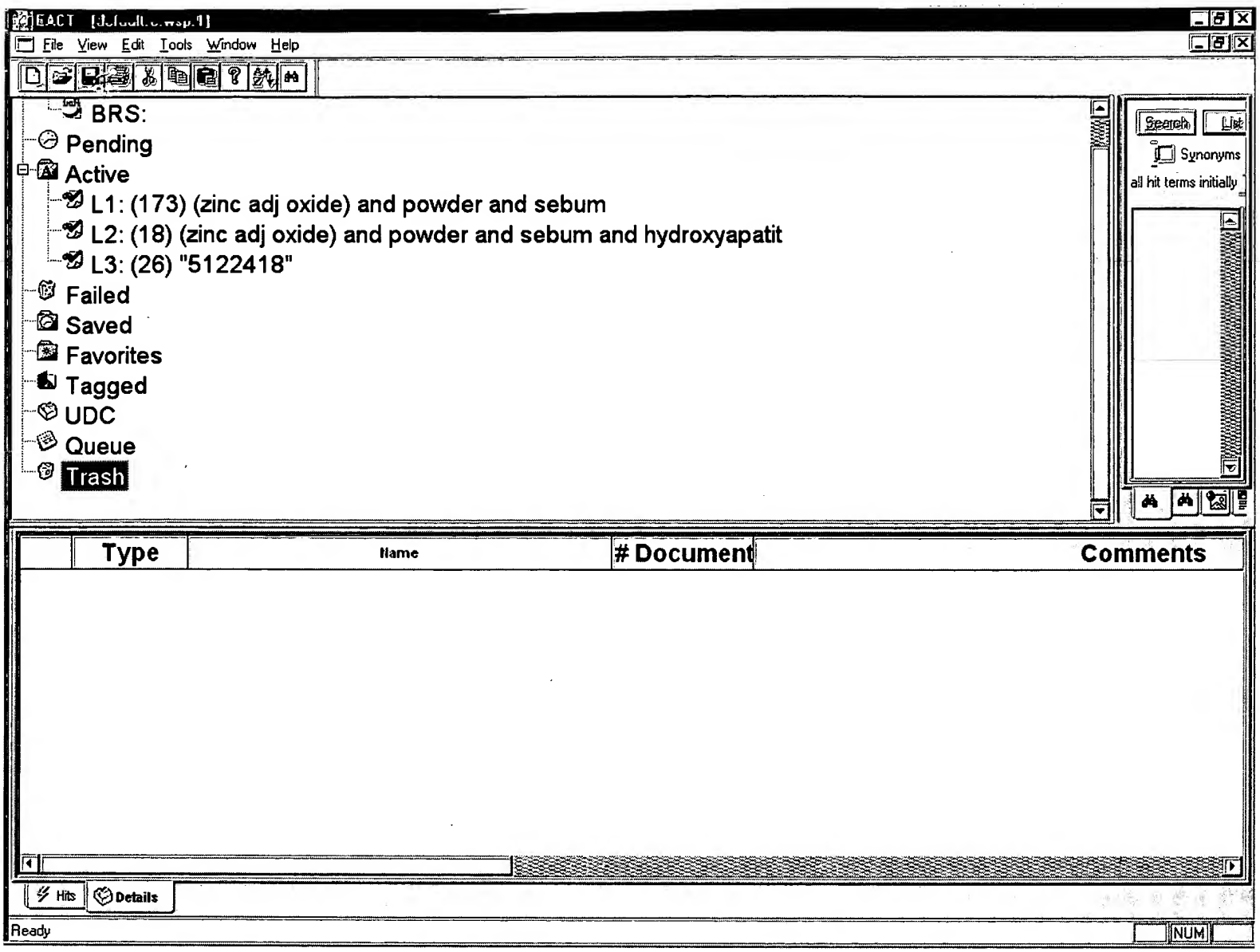
EACT
File View Edit Tools Window Help
BRS:
Pending
Active
L1: (173) (zinc adj oxide) and powder and sebum
L2: (18) (zinc adj oxide) and powder and sebum and hydroxyapatit
L3: (26) "5122418"
Failed
Saved
Favorites
Tagged
UDC
Queue
Trash
Search
List
Synonyms
all hit terms initially
Type
Name
Document
Comments
Hits
Details
Ready
NUM

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ZnO2 + Sebum Absorption

L28 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:241244 CAPLUS
DOCUMENT NUMBER: 136:267932
TITLE: Sunscreen composition containing sol-gel microcapsules
INVENTOR(S): Lapidot, Nao; Magdassi, Shlomo; Avnir, David; Rottman, Claudio; Gans, Orit; Seri-Levy, Alon
PATENT ASSIGNEE(S): Israel
SOURCE: U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U.S. 6,238,650.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002037261	A1	20020328	US 2001-840456	20010424
US 6238650	B1	20010529	US 1999-318828	19990526

PRIORITY APPLN. INFO.: US 1998-215136 A2 19981218
US 1999-318828 A2 19990526

AB The present invention generally relates to safe and stable sunscreen compns. comprising of at least one sunscreen active ingredient in the form of an inert sol-gel microcapsules encapsulating UV absorbing compds. in any acceptable **cosmetic** vehicle. The compn. according to the present invention can comprise several UV absorbers that may be encapsulated in the same sol-gel microcapsule or in different capsules. The hydrophobicity/hydrophilicity character of the sol-gel microcapsules can be controlled by selecting suitable sol-gel precursors and suitable reaction conditions and can be chosen to be compatible with the **cosmetic** vehicle to be used in the sunscreen compn., thus, the present invention facilitates an easy incorporation of the composite sol-gel encapsulated sunscreen in all types of **cosmetic** vehicles including oil free compns., with no necessary steps of heating or high shear forces. The sunscreen compns. of the present invention can comprise any acceptable UVA and/or UVB absorbing compds. at any desired ratio to obtain a desired accumulative UV screening spectrum. An aq. suspension of silica microcapsules, contg. 35.8% p-methoxycinnamate (OMC) was prepd. An oil in water emulsion contg. liq. paraffin (mineral oil) 5.00, decyl oleate 5.00, dimethicone 1.00, cetearyl alc. 1.00, glyceryl stearate 3.00, potassium cetyl phosphate 2.00, water 47.25, xanthan gum 0.15, propylene glycol 5.00, 2-bromo-2-nitropropane-1,3-diol & methylparaben & phenoxyethanol & propylbaraben 5.00, 88% lactic acid 0.10, and above silica/OMC (25% OMC in water suspension) 30.00%.

L28 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:87131 CAPLUS
DOCUMENT NUMBER: 136:139629
TITLE: **Cosmetic powder** formulations
INVENTOR(S): Lanzendoerfer, Ghita; Bormann, Angelika
PATENT ASSIGNEE(S): Beiersdorf Aktiengesellschaft, Germany
SOURCE: Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 1175885	A2	20020130	EP 2001-116614	20010712
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 10036316	A1	20020207	DE 2000-10036316	20000726

PRIORITY APPLN. INFO.: DE 2000-10036316 A 20000726

AB The invention concerns **cosmetic powder** compns. that contain water, hydrocolloids, and hydrophobic or hydrophobic-modified particles. The formulations further contain active substances to treat wrinkles, and pigments, sunscreens etc. Thus a moisturing **powder** contained (wt./wt.%): PEG-8 5.00; Ethanol 10.00; carbomer 0.70; triglyceride, liq. 1.50; glycerin 5.00; panthenol 0.50; tocopherol acetate 0.50; desferrioxiamine E 0.10; silica 15.00; polymethylsilsequioxane 10.00; HDI/trimethylol hexyl lactone cross polymer 5.00; iron oxides 2.00; titanium dioxide 1.00; pearly pigments, perfume, preservatives, sodium hydroxide 1.00; dyes, antioxidants q.s.; water to 100.

L28 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:61527 CAPLUS
DOCUMENT NUMBER: 136:107251
TITLE: **Sebum**-adsorbing **powders** containing hydroxyapatite and **zinc oxide**, and their **cosmetic** uses
INVENTOR(S): Horino, Masaaki
PATENT ASSIGNEE(S): Miyoshi Kasei Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 22 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002020218	A2	20020123	JP 2000-204587	20000706
US 2002031534	A1	20020314	US 2001-895328	20010702
FR 2812194	A1	20020201	FR 2001-8949	20010705

PRIORITY APPLN. INFO.: JP 2000-204587 A 20000706

AB **Powders**, useful for **cosmetics**, **sebum** adsorbents, and deodorants, contain **cosmetic powders**, hydroxyapatite, and ZnO. An aq. dispersion of sericite was mixed with Ca acetate, treated with NaOH and Na2HPO3 at 85.degree., mixed with ZnCl2, and dried to give **powders**, which showed oil adsorption 130 mL/100 g, sp. surface area 19.9 m2/g, oleic acid adsorption 229.0 mg/g, artificial **sebum** absorption 204.6 mg/g, and rapid oleic acid solidification.

L28 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:697284 CAPLUS
DOCUMENT NUMBER: 133:271403
TITLE: UV-protecting **cosmetics** containing hydroxy- and fluorine-containing siloxanes
INVENTOR(S): Kuroda, Akihiro
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000273011	A2	20001003	JP 1999-79743	19990324

AB **Cosmetics**, which show water and **sebum** resistance and long-lasting UV-protective effect, contain R1R2R3SiO(R4R5SiO)l(R6R7SiO)m(R8R9SiO)nSiR10R11R12 (I; R1-R5, R7, R9-R12 = OH, C1-20 alkyl, Ph; R6 = C1-20 flulorohydrocarbyl; R8 = OH; .gtoreq.1 of R1-R12 = OH; l = 0-20,000; m = 1-20,000; n = 0-2000) and UV protectants. A sunscreen was prepd. from octyltrimethoxysilane- and silica/alumina-coated TiO2 8, cyclic silicone 12, Me H siloxane- and silica-coated ZnO 17, spherical silicone elastomer **powder** 1, I (R1 = R10 = OH, R2-R5 = R7 = R11 = R12 = Me, R6 = trifluoropropyl, l = m = 100, n = 0) 5, trimethylsiloxysilicate 4, 2-ethylhexyl p-methoxycinnamate 10, EtOH 10, Aloe ext. 0.5, and H2O to 100 wt.%.

L28 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:302101 CAPLUS
DOCUMENT NUMBER: 132:313332
TITLE: **Powder cosmetics** containing **powders** coated with acidic group-terminated perfluoropolyethers and silicones
INVENTOR(S): Suzuki, Kazuhiro
PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000128737	A2	20000509	JP 1999-120910	19990428

PRIORITY APPLN. INFO.: JP 1998-233087 19980819

AB The **cosmetics** contain (A) **powders** treated with .gtoreq.1 compds. having perfluoropolyether group with mol. wt. .gtoreq.300, selected from perfluoropolyether-alkyl phosphates, perfluoropolyether-alkyl sulfates, perfluoropolyether-alkylcarboxylic acids, and/or their salts, and (B) amphiphilic silicones having hydrophilic segments and organopolysiloxane segments such as polyoxyalkylene-modified organopolysiloxanes and/or higher alkyl-contg. polyoxyalkylene-modified organopolysiloxanes. The **cosmetics** show good covering capacity, less time-dependent discoloration due to wetting with **sebum**, and do not merge into wrinkle and creases. Japan Red 202, Japan Red 226, and Japan Yellow 401 were treated with an aq. soln. of CF3O[CF2CF(CF3)O]v(CF2O)zCF2CH2(OCH2CH2)1.9P(O)O[ONH2(CH2CH2OH)2]2 (v/z = 24.1, av. mol. wt. 1195), talc and mice were treated with a 2-propanol soln. of (HO)2P(O)O(CH2CH2O)rCH2CF2O(CF2CF2O)m(CF2O)nCF2CH2(OCH2CH2)rOP(O)(OH)2. These perfluoropolyether deriv-coated **powders** were mixed with sericite, diglyceryl triisostearate, liq. paraffin, cetyl isooctanoate, 2-ethylhexyl p-methoxycinnamate, KF 6015 (polyoxyalkylene-modified organopolysiloxane), and perfume to give an eye shadow.

L28 ANSWER 6 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:755030 CAPLUS
DOCUMENT NUMBER: 132:298440
TITLE: Selective adsorption of fatty acids for prevention of foundation makeup deterioration

09702165

AUTHOR(S): Nomura, Koichi; Takasuka, Yutaka; Nishimura, Hirochika; Motoyoshi, Katsuhiro; Yamanaka, Shoji
CORPORATE SOURCE: Products R&D Lab., POLA Chem. Ind., Inc., Japan
SOURCE: Nippon Keshohin Gijutsusha Kaishi (1999), 33(3), 254-266
CODEN: NKGKF8; ISSN: 0387-5253
PUBLISHER: Nippon Keshohin Gijutsushakai
DOCUMENT TYPE: Journal
LANGUAGE: Japanese

AB Deterioration of applied makeup remains a serious concern for the busy modern woman, but little research has been published on this topic. Currently available "long-lasting" makeups do not perform satisfactorily, and a different approach is needed. Many forms of makeup film deterioration exist; our international survey of makeup users identified shiny spot formation following foundation application to be the problem most frequently complained of. Our goal was to identify those factors responsible for optical degrdn. and develop an effective means of countering this phenomenon. Our research confirmed that the secretion of **sebum** plays a key role in shiny spot formation. We studied the components of **sebum** causing optical degrdn., and identified particular unsatd. free fatty acid (FA) as the main culprits. By lowering the m.p. of **sebum**, unsatd. free FA caused wetting of the makeup substrate, altering its optical properties, leading to the formation of shiny spots. Understanding of the basic cause of optical degrdn. of the makeup film enabled us to design a new compd. which can selectively adsorb specific FA. By chem. modifying the structure of certain clay minerals, we developed unique interlayered compds. having precisely controlled spacing of the silicate layers of the clay and selective adsorption properties. One compd. we developed consists of **zinc oxide** precursor loaded in alumina pillar interlayered clay (ZA-pilc). In vitro and in vivo testing on **powder** foundations incorporating ZA-pilc proved that the compd. was remarkably effective in suppressing optical degrdn., prolonging the life time of makeup in actual usage conditions. Besides preventing optical degrdn. of makeup film, incorporation of ZA-pilc in **cosmetic** formulations may offer an addnl. benefit of reducing **acne** formation through selective adsorption of FA. Our exptl. results indicate that ZA-pilc suppresses comedo formation in the ear of rabbits, suggesting the possibility of application in anti-**acne** prepns.

L28 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:753030 CAPLUS
DOCUMENT NUMBER: 131:356117
TITLE: **Topical** antimicrobial compositions containing **zinc oxide** **powder**
INVENTOR(S): De Graaf, Thalie Paulina; Galley, Edward
PATENT ASSIGNEE(S): The Boots Company Plc, UK; Butcher, Kate Elizabeth
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9959540	A1	19991125	WO 1999-EP3592	19990521

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,

JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9943676	A1	19991206	AU 1999-43676	19990521
AU 745253	B2	20020314		
EP 1079799	A1	20010307	EP 1999-926403	19990521
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2002515414	T2	20020528	JP 2000-549205	19990521

PRIORITY APPLN. INFO.: GB 1998-10799 A 19980521
WO 1999-EP3592 W 19990521

AB The present invention discloses a **topical** antimicrobial compn. contg. high surface area **zinc oxide powder**, said **powder** having a surface area 30-100 m2/g and a particle size 0.1-200 .mu.m in diam. The antimicrobial properties of the compns. make them suitable for treating **acne**, athlete's foot, nappy rash and dandruff. A nappy rash cream contained purified water 39.4, p-chloro-m-cresol 0.1, cetrimonium bromide 0.5, cetearyl alc. 5, paraffin oils 40, dimethicone 10, and high surface area ZnO 5 %.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 8 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:753028 CAPLUS
DOCUMENT NUMBER: 131:356116
TITLE: **Topical** compositions containing **zinc oxide**
INVENTOR(S): Butcher, Kate Elizabeth; De Graaf, Thalie Paulina; Galley, Edward
PATENT ASSIGNEE(S): The Boots Company Plc, UK
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9959538	A1	19991125	WO 1999-EP3590	19990521
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9941463	A1	19991206	AU 1999-41463	19990521
AU 745041	B2	20020307		
EP 1077674	A1	20010228	EP 1999-925035	19990521
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2002515412	T2	20020528	JP 2000-549203	19990521

PRIORITY APPLN. INFO.: GB 1998-10803 A 19980521
WO 1999-EP3590 W 19990521

AB The present invention provides **topical** compns. comprising high

surface area **zinc oxide**, having a surface area of 30-100 m2/g and an av. particle size 0.1-200 .mu.m in diam., said high surface area **zinc oxide** being present in an amt. sufficient to absorb liqs. from parts of the body to which the **topical** compn. is applied. The compns. are particularly good at absorbing sweat, **sebum**, urine and water, making them suitable for treating **acne**, athlete's foot and nappy rash. A foot **powder** contained sanitized talc 47.46, **zinc oxide** (with high surface area) 5, zea mays 47.46, and silica 0.08 %.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 9 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:748620 CAPLUS
DOCUMENT NUMBER: 131:355926
TITLE: **Cosmetics** containing fluorinated organic compounds and UV absorbers or UV scattering agents
INVENTOR(S): Nishizaka, Takahiro; Yamazaki, Seiji
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11322563	A2	19991124	JP 1998-125813	19980508

OTHER SOURCE(S): MARPAT 131:355926
AB Title **cosmetics**, which show water and **sebum** resistance and long-lasting UV protective effect, contain (A) fluorinated org. compds. with fluorination degree (definition is given) 0.3-0.85 and (B) org. UV absorbers and/or UV scattering agents. An oil-in-water emulsion was prepd. from perfluorohexylethyl 1,3-dimethylbutyl ether 3, diisostearyl pyroglutamate hydrogenated castor oil deriv. 3, Et p-aminobenzoate 7, ZnO **powder** 10, isotridecyl isononanoate 5, di-Me polysiloxane 5, 86% glycerin 3, and H2O to 100 wt.%.

L28 ANSWER 10 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:530891 CAPLUS
DOCUMENT NUMBER: 131:189487
TITLE: UV-shielding compositions containing fluoride-coated UV-scattering **powders** and
INVENTOR(S): Inomata, Yukio; Yamaki, Kazuhiro
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11228373	A2	19990824	JP 1998-34506	19980217

AB The compns., which show long-lasting UV-shielding effects and are resistant to water and **sebum**, contain (A) fluoride-coated UV-scattering **powder** and (B) liq. organofluorine compds. at the

wt. ratio of (B) to (A) .gtoreq.1/10. The compns. may addnl. contain UV absorbers and F-contg. silicones. A sunscreen emulsion contg. Silicone SH 3775C (polyoxyethylene-methylpolysiloxane copolymer) 1.5, C13H27CON[(CH2)3OMe]CH2CH(CH2OC16H33)OCH2CH(OH)CH2OH 1.5, Silicone KF 96A (dimethylpolysiloxane) 5.0, SH244/SH245 equimolar mixt. (methylcyclopolysiloxane) 15.0, squalane 1.0, 2-ethylhexyl p-methoxycinnamate 3.0, ZnO coated with perfluoroalkyl phosphate salts 9.0, TiO2 coated with the phosphates salts 3.0, Fomblin HC-K (perfluoro polyether) 6.0, EtOH 10.0, glycerin 2.0, perfume 0.01%, and H2O balance.

L28 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:133392 CAPLUS
DOCUMENT NUMBER: 130:172786
TITLE: **Powder cosmetics**
INVENTOR(S): Nakao, Keisuke; Fukuda, Keiichi
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11049637	A2	19990223	JP 1997-210558	19970805

AB **Powder cosmetics** comprise: [a] iron oxide-titanium oxide sintered colorants and [b] **sebum**-absorbing **powders** such as silica, calcium phosphate, cellulose, chitosan, acrylic polymer and **zinc oxide**. A **powder** foundation contained lecithin-treated titanium oxide 10.0, lecithin-treated sericite 20, lecithin-treated kaolin 5.0, red iron oxide-titanium oxide sintered colorant 0.8, yellow iron oxide-titanium oxide sintered colorant 2.5, black iron oxide 0.1, silicone-treated **zinc oxide** microparticles 8.0, liq. paraffin 8.0, beeswax 2.0, preservatives 0.2, mica and perfumes to 100 wt.%.

L28 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:650390 CAPLUS
DOCUMENT NUMBER: 129:335740
TITLE: **Topical** compositions containing loquat extracts and other active agents for the treatment of **acne**
INVENTOR(S): Kawai, Eriko; Inaba, Tomoyuki; Kitamura, Kanemoto
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10265365	A2	19981006	JP 1997-85886	19970319

AB A **topical** compn. for the treatment of **acne** comprises loquat exts. and .gtoreq.1 agents selected from the group consisting of keratin softeners, keratin-exfoliating agents, anti-inflammatories, bactericides, **sebum** inhibitors, and protease inhibitors. An anti-**acne** lotion contained loquat exts. 1, glycyrrhetinic acid

0.05, sorbitol (70 %) 3, glycerol 5, ethoxylated hydrogenated castor oils 0.5, ethanol 20, and distd. water to 100 %.

L28 ANSWER 13 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:555704 CAPLUS
DOCUMENT NUMBER: 129:235443
TITLE: **Cosmetic powders** coated with fluorine-containing silicones and **cosmetics** containing the **powders**
INVENTOR(S): Furukawa, Yutaka; Odera, Mami
PATENT ASSIGNEE(S): Asahi Glass Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10226625	A2	19980825	JP 1997-34037	19970218

AB The **cosmetic powders** are surface treated with F-contg. silicones (A) having .gtoreq.2 organosiloxane units contg. Si atoms bonded to XRf [A1; Rf = (ether-contg.) monovalent polyfluorohydrocarbon residue; X = (C-O-C ether linkage-contg.) divalent hydrocarbon residue] and Si atoms bonded to (CH2)aSi(R1)3-bYb (A2; R1 = monovalent org. residue; Y = hydrolyzable group; a .gtoreq.1; b = 1-3). The **powders** spread well on the skin and are resistant to water, oil, and **sebum**. A mixed **powder** contg. mica 24.2, talc 22.6, TiO2 0.6, ZnO 2.1, spherical nylon 1.1, and pigment 1 wt. part was sprayed with an EtOH soln. contg. 2.1 wt. parts CF3(CF2)7(CH2)2SiO(OMe)3 and dried to give a coated **powder**. A makeup **cosmetic** contg. the **powder** was formulated.

L28 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:501104 CAPLUS
DOCUMENT NUMBER: 129:153011
TITLE: **Cosmetic** makeups
INVENTOR(S): Kurota, Akihiro
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10203927	A2	19980804	JP 1997-26021	19970124

AB Stable and **sebum**-absorbing **cosmetic** makeups [foundations] contain 0.01-2.2 wt.% **zinc oxide** obtained by heating **zinc oxide powder** [having av. particle size 5-500 nm] at 600-1700.degree..

L28 ANSWER 15 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:268559 CAPLUS
DOCUMENT NUMBER: 128:299377
TITLE: **Zinc oxide powder** with suppressed photocatalytic activity and

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cosmetic preparation containing them
INVENTOR(S): Kuroda, Akihiro; Waki, Yoshinori; Shimomura, Masataka
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan; Daito Kasei Kogyo Co., Ltd.; Kuroda, Akihiro; Waki, Yoshinori; Shimomura, Masataka
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817730	A1	19980430	WO 1997-JP3841	19971023
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 957139	A1	19991117	EP 1997-909604	19971023
R: DE, FR, GB, IT				
JP 3187440	B2	20010711	JP 1998-519232	19971023
US 6132743	A	20001017	US 1999-284933	19990706

PRIORITY APPLN. INFO.: JP 1996-299658 A 19961023
JP 1996-299659 A 19961023
WO 1997-JP3841 W 19971023

AB A **zinc oxide powder** having a suppressed photocatalytic activity is prepd. by coating a **zinc oxide powder** with at least 1 silicone compd. in a nongaseous state and firing the coated **zinc oxide powder** in an oxidizing atm. at a temp. of 600-950.degree.. A **cosmetic** prepn. comprising this **zinc oxide powder** is excellent in touch, **sebum** resistance, and protection against UV light.

L28 ANSWER 16 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:473107 CAPLUS
DOCUMENT NUMBER: 127:113143
TITLE: Liquid **cosmetics** containing spherical composite **powders** coated with zirconia or alumina
INVENTOR(S): Hase, Noboru; Ito, Motoaki
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09169626	A2	19970630	JP 1995-335248	19951222
JP 3040706	B2	20000515		

AB The **cosmetics** contain spherical composite **powders** which comprise polymers or SiO2 having **powders** of TiO2 or ZnO dispersed inside and ZrO2 or Al2O3 supported on the surface. The spherical composite **powders** are preferably hydrophobized. The polymers may be .gtoreq.1 selected from nylons, polyethylene, poly(Me methacrylate), polyesters, polystyrene, polyurethane, and silicones. The **cosmetics** conceal pore and scars after **acne**. An emulsion contg. H2O, TiO2, Na silicate, nonionic surfactant, and benzene was treated with an aq. (NH4)2SO4 to give SiO2 **powder** contg.

TiO2 inside. The **powder** was further treated with Torayceram Sol ZS-OA (monodisperse ZnO2) to give composite **powder**. A liq. foundation contg. the composite **powder** concealed pore.

L28 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:321918 CAPLUS
DOCUMENT NUMBER: 127:23503
TITLE: **Cosmetic** and pharmaceutical delivery vehicles comprising a volatile cyclosiloxane, a particulate carbohydrate and an oil or a glyceride ester
INVENTOR(S): Berndt, Dieter
PATENT ASSIGNEE(S): Safe & Dry Co., Inc., USA
SOURCE: U.S., 11 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5626856	A	19970506	US 1995-497454	19950630

AB A novel delivery system for **cosmetic** and **topical** pharmaceutical products contains a volatile cyclosiloxane, a particulate carbohydrate and an oil or a glyceride ester. The carbohydrate and oil or glyceride ester are included in wt. ratios which will produce a translucent film after the evapn. of the volatile cyclosiloxane from the compn. In addn., a no. of other components may also be added to the delivery system including bioactive agents such as antiperspirant salts and antifungal agents, film-formers, surfactants, emollients, fragrances, coloring agents, preservatives, medicinal agents and related components depending upon the desired characteristics and the purpose for which the system and final product is designed. An antiperspirant compn. contained cyclomethicone 45, starch 10, white petrolatum 15, iso-Pr palmitate 5, zirconium aluminum chlorhydrex 25, and fragrance q.s. 100%.

L28 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:733579 CAPLUS
DOCUMENT NUMBER: 125:338742
TITLE: Composite **powders** and **sebum** -resistant **cosmetics** containing them
INVENTOR(S): Nonomura, Masami; Sunago, Myuki; Suzuki, Toshuki; Sukai, Ichiro
PATENT ASSIGNEE(S): Kao Corp, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08245343	A2	19960924	JP 1995-52262	19950313

AB **Cosmetics** contain composite **powders** comprising **powders** and **sebum**-resistant silicone-coated ZnO **powders**. The composite **powders** are stably dispersed in other **cosmetic** ingredients and the **cosmetics** give no unpleasant feeling to the skin. An emulsion was formulated contg. KF 99P

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(silicone)-coated ZnO-polyethylene composite **powders**.

L28 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:620912 CAPLUS
DOCUMENT NUMBER: 125:256804
TITLE: Antimicrobial calcium phosphate/**zinc oxide** composite particles and **cosmetics** containing them
INVENTOR(S): Saeki, Tatsuya; Yasui, Kyoko
PATENT ASSIGNEE(S): Sekisui Plastics, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08217616	A2	19960827	JP 1995-29396	19950217
JP 3197450	B2	20010813		

AB **Cosmetics** contain **sebum**-adsorbing antimicrobial composite particles contg. amorphous Ca phosphate and ZnO. Aq. H3PO4 was added to Ca(OH)2 and the resulting slurry was mixed with dispersant and ZnO **powder** and granulated by spray-drying method to prep. a composite particle. **Cosmetic** was formulated from sericite 39.75, TiO2 15.0, red iron oxide 3.0, .gamma.-tocopherol 0.05, talc 20.0, the particle 5.0, silicone oil 2.0, liq. paraffin 15.0, and perfume 0.2 wt.%. **Sebum** ingredient-adsorbing capacity and antimicrobial activity of the particle are shown.

L28 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:434750 CAPLUS
DOCUMENT NUMBER: 125:67831
TITLE: Powdery **topical** preparations of sulfur and **zinc oxide** for **acne** treatment
INVENTOR(S): Oono, Kazuhisa; Watanabe, Naoko
PATENT ASSIGNEE(S): Shiseido Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08092027	A2	19960409	JP 1994-251407	19940920

AB The prepns. contain S, ZnO, and .gtoreq.5% oils. S 0.1, ZnO 1.0, pigments q.s., colorants q.s., silicone oil 1.0, liq. paraffin 3.8, ceresin wax 0.1, and polyoxyethylene sesquiisostearate sorbitan 0.2 wt.% were mixed to give a powdery prepn. for **acne** treatment. The prepn. inhibited growth of **acne** bacteria and had a good texture.

L28 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:376924 CAPLUS
DOCUMENT NUMBER: 125:41488
TITLE: **Acne**-controlling **cosmetic powders**

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INVENTOR(S): Wada, Masayoshi; Oono, Kazuhisa
PATENT ASSIGNEE(S): Shiseido Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08092028	A2	19960409	JP 1994-251408	19940920

AB **Cosmetic** prepns., which are not tacky nor stain clothes, contain S, ZnO, and .ltoreq.2 wt.% semisolid and/or liq. substances. **Powders** contg. metal soap-treated talc 92.7, crosslinked spherical polystyrene 5.0, S 0.2, ZnO 2.0, and perfume 0.1% by wt. were applied to patients with **acne** to show excellent clin. efficacy without giving sticky feeling.

L28 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:345507 CAPLUS
DOCUMENT NUMBER: 125:18701
TITLE: Skin cleansers containing inorganic **powders** and anionic surfactants
INVENTOR(S): Uchikawa, Keiichi; Nakamura, Fumiaki; Ito, Kenzo
PATENT ASSIGNEE(S): Shiseido Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08067622	A2	19960312	JP 1994-227284	19940829

AB The cleansers in the forms of pastes or liqs. contain 15-60 wt.% inorg. **powders** and 0.1-40 wt.% anionic surfactants. The cleansers may addnl. contain moisturizers and thickeners. The cleansers remove **sebum** and excess keratin of skin. Na N-stearoyl glutamate 5, kaolin 15, glycerin 55, CM-cellulose 1, and H2O 24 wt.% were mixed to give a liq. skin cleanser.

L28 ANSWER 23 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:290015 CAPLUS
DOCUMENT NUMBER: 124:325013
TITLE: **Sebum**-resistant **powders** and **cosmetics** containing the **powders**
INVENTOR(S): Fujiwara, Kana; Toritsuka, Makoto; Asahi, Masahiko
PATENT ASSIGNEE(S): Kao Corp, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08041379	A2	19960213	JP 1994-179961	19940801

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JP 3073890 B2 20000807

AB Surface treatment of **zinc oxide** microparticles (sp. surface area = 15-100m2/g) with Me hydrogen siloxane-dimethylsiloxane copolymer as **sebum**-resistant **powders** and **cosmetics** contg. the **powders** are claimed. Thus, a **cosmetic** lotion for **sebum** control contained Me hydrogen siloxane-dimethylsiloxane copolymer-treated **zinc oxide** microparticles 1.0, purified water 74.0, ethanol 15.0, and glycerin 10.0 wt. %.

L28 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:89228 CAPLUS
DOCUMENT NUMBER: 124:126878
TITLE: **Cosmetics** containing fluorine-modified silicones and **zinc oxide** particles
INVENTOR(S): Tokunaga, Tadayuki; Fujiwara, Kana; Toritsuka, Makoto; Asahi, Masahiko
PATENT ASSIGNEE(S): Kao Corp, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07277914	A2	19951024	JP 1994-66241	19940404
JP 3073877	B2	20000807		

AB **Cosmetics** with excellent water-, **sebum**- and oil-resistances contain fluorine-modified silicones and **zinc oxide** particles (having sp. surface area of 10-100m3/g) in addn. to base materials and other ingredients. A bilayer-type foundation contained silicone-treated titanium oxide, sericite and iron oxide (colorants) 6.0, **zinc oxide** 5.0, octamethylcyclotetrasiloxane 20.0, F-contg. silicone 12.0, dimethylpolysiloxane-polyoxyalkylene copolymer 2.0, glycerin 2.0, ethanol 15.0, water, and perfumes to 100 parts.

L28 ANSWER 25 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1995:975504 CAPLUS
DOCUMENT NUMBER: 123:349887
TITLE: **Powder cosmetic** compositions containing silicones for improved skin adhesion
INVENTOR(S): Jenkins, Delyth Myfanwy; Briggs, Gillian Scott; Fish, Karen
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: PCT Int. Appl., 15 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9525499	A1	19950928	WO 1995-US2444	19950227

W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, US, UZ, VN

RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2184907	AA	19950928	CA 1995-2184907	19950227
AU 9519341	A1	19951009	AU 1995-19341	19950227
CN 1143905	A	19970226	CN 1995-192147	19950227
EP 785763	A1	19970730	EP 1995-911973	19950227
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 09510474	T2	19971021	JP 1995-524643	19950227

PRIORITY APPLN. INFO.: GB 1994-5322 19940318
WO 1995-US2444 19950227

AB A **cosmetic** compn. in the form of a **powder** comprises silicones and one or more **cosmetic powder** base components selected from pigments, matte finishing agents, fillers, binders and mixts. thereof. The compn. provides improved adhesion to the skin, increased wear, coverage and reduced rub-off. A **cosmetic powder** contained titania 6, **zinc oxide** 4, polyethylene 7, kaolin 3, Polytrap-6603 3, methylparaben 0.2, propylparaben 0.1, di-Na EDTA 0.05, salicylic acid 2, red iron oxide 0.6, yellow iron oxide 0.7, black iron oxide 0.2, Permethyl 102A 4, DC2502 2.5, and talc to 100%.

L28 ANSWER 26 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1995:973666 CAPLUS
DOCUMENT NUMBER: 123:349886
TITLE: **Powder cosmetic** compositions with improved skin adhesion capability
INVENTOR(S): Jenkins, Delyth Myfanwy; Briggs, Gillian Scott; Fish, Karen
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: PCT Int. Appl., 15 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9525503	A1	19950928	WO 1995-US2445	19950227
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2184906	AA	19950928	CA 1995-2184906	19950227
AU 9519718	A1	19951009	AU 1995-19718	19950227
EP 752845	A1	19970115	EP 1995-912628	19950227
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CN 1143906	A	19970226	CN 1995-192148	19950227
JP 09510475	T2	19971021	JP 1995-524644	19950227
US 5919467	A	19990706	US 1996-704700	19961029

PRIORITY APPLN. INFO.: GB 1994-5320 19940318
WO 1995-US2445 19950227

AB A **cosmetic** compn. in the form of a **powder** comprises a branched-chain aliph. hydrocarbon having an av. mol. wt. 100-15,000 and one or more **cosmetic powder** base components selected from pigments, matte finishing agents, fillers, binders, and mixts. thereof. The compn. provides improved adhesion to the skin, increased

wear, coverage, and reduced rub-off. A **cosmetic powder** contained mica 10, ZnO 8, polyethylene 2, Zn stearate 6.5, kaolin 2, Polytrap-6603 1, methylparaben 0.2, propylparaben 0.1, di-Na EDTA 0.05, salicylic acid 2, red iron oxide 0.5, yellow iron oxide 0.4, black iron oxide 0.2, Permethyl 102A 2, DC2502 4, and talc to 100%.

L28 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1992:639562 CAPLUS
DOCUMENT NUMBER: 117:239562
TITLE: Status of certain over-the-counter drug category II and III active ingredients. [Erratum to document cited in CA114(10):88452e]
CORPORATE SOURCE: United States Food and Drug Administration, Rockville, MD, 20857, USA
SOURCE: Fed. Regist. (1992), 57(191), 45295, 1 Oct 1992
CODEN: FEREAC; ISSN: 0097-6326
DOCUMENT TYPE: Journal
LANGUAGE: English
AB An error in the text has been cor. The errors was not reflected in the abstr. or the index entries.

L28 ANSWER 28 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1992:455740 CAPLUS
DOCUMENT NUMBER: 117:55740
TITLE: Status of certain over-the-counter drug category II and III active ingredients. [Erratum to document cited in CA114(10):88452e]
CORPORATE SOURCE: United States Food and Drug Administration, Rockville, MD, 20857, USA
SOURCE: Fed. Regist. (1992), 57(20), 3526, 30 Jan 1992
CODEN: FEREAC; ISSN: 0097-6326
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Errors in the names of several active ingredients listed in the original article have been cor. The errors were reflected in the index entries.

L28 ANSWER 29 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1992:180928 CAPLUS
DOCUMENT NUMBER: 116:180928
TITLE: Long-lasting **cosmetics** containing a fluorine compound-treated **powder**
INVENTOR(S): Noboru, Nagatani; Torizuka, Makoto; Komori, Takashi
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Eur. Pat. Appl., 31 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 469602	A1	19920205	EP 1991-112946	19910801
EP 469602	B1	19960207		
R: DE, ES, FR, GB, IT				
JP 04091008	A2	19920324	JP 1990-205136	19900803
JP 06102607	B4	19941214		
JP 04187617	A2	19920706	JP 1990-316888	19901121
JP 2936350	B2	19990823		
JP 04224506	A2	19920813	JP 1990-414563	19901226

JP 07119168	B4	19951220		
EP 633016	A1	19950111	EP 1994-113795	19910801
EP 633016	B1	19991215		
R: DE, ES, FR, GB, IT				
US 5578311	A	19961126	US 1994-300075	19940902
PRIORITY APPLN. INFO.:			JP 1990-205136	19900803
			JP 1990-316888	19901121
			JP 1990-414563	19901226
			EP 1991-112946	19910801
			US 1991-739372	19910802
			US 1993-10450	19930125
			US 1993-131574	19931004

AB **Cosmetic** compns. with excellent water-repellency, **sebum** -resistance, and oil-resistance comprise (1) a fluorine compd.-treated **powder** and (2) a liq. perfluoro org. compd. Thus, **powders** (such as TiO2 and iron oxides) were added to (C8F17CH2CH2O)2P(O)(OH) dissolved in iso-Pr ether, and the solvent was distd. off to give a surface-treated **powder**. A long-lasting liq. foundation was formulated contg. octamethylcyclotetrasiloxane, perfluoro polyether (Fomblin HC-04) 15.0, dimethylpolysiloxane polyoxyalkylene copolymer 1.0, glycerol 2.0, ethanol 10.0, the surface-treated TiO2 6.0, the surface-treated sericite 8.0, the surface-treated iron oxide (red, black, yellow) 1.5, perfume q.s., and water to 100 %.

L28 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1991:88452 CAPLUS
DOCUMENT NUMBER: 114:88452
TITLE: Status of certain over-the-counter drug category II and III active ingredients
CORPORATE SOURCE: United States Food and Drug Administration, Rockville, MD, 20857, USA
SOURCE: Fed. Regist. (1990), 55(216), 46914-21, 7 Nov 1990
CODEN: FEREAC; ISSN: 0097-6326
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Certain active ingredients in over-the-counter drug products are not generally recognized as safe and effective under the Federal Food, Drug, and **Cosmetic** Act. Categories considered include products to control or prevent **acne**, caries, diarrhea, perspiration, boils, colds, coughs, allergies, dandruff, seborrheic dermatitis, psoriasis, digestion, exocrine pancreatic insufficiency, ingrown toenails, poisoning, smoking, swimmer's ear, and nailbiting. Analgesics, anesthetics, counterirritants, male genital desensitizers, laxatives, oral health care products, and skin care products are also considered.

L28 ANSWER 31 OF 32 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1989:219109 CAPLUS
DOCUMENT NUMBER: 110:219109
TITLE: **Topical** pharmaceuticals containing hydroxyapatite and inflammation inhibitors and/or keratin-removing agents
INVENTOR(S): Kumagai, Shigenori; Fukuda, Minoru; Ono, Kazuhisa
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
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AB **Topical** prepns. useful for the treatment of **acne** contain **powd.** hydroxyapatite and antiiinflammatory agents and/or keratin removing agents. An ointment contained solid paraffin 8.0, squalane 6.7, glycerol 67.0, tricrosan 0.1, glycyrrhizinic acid 1.0, salicylic acid 2.0, hydroxyapatite 15.0, and perfume 0.2% by wt. The efficacy of the ointment was clin. proven with 10 patients.

L28 ANSWER 32 OF 32 KOSMET COPYRIGHT 2002 IFSCC
ACCESSION NUMBER: 21753 KOSMET
FILE SEGMENT: scientific, technical
TITLE: SELECTIVE ABSORPTION OF FATTY ACIDS FOR THE PREVENTION OF FOUNDATION MAKEUP DETERIORATION
AUTHOR: NOMURA K (PRODUCTS R&D LABORATORIES, POLA CHEMICAL INDUSTRIES, INC., YOKOHAMA, KANATAWA, JAPAN); TAKASUKA Y; NISHIMURA H; MOTOYOSHI K; YAMANAKA S
SOURCE: J.OF SOCIETY OF COSMETIC CHEMISTS OF JAPAN, 1999, 33 (3), 254-266, 12 REFS
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AB Deterioration of applied makeup remains a serious concern for the busy modern woman, but little research has been published on this topic. Currently available "long-lasting" makeups do not perform satisfactorily, and a different approach is needed. Many forms of makeup film deterioration exist; our international survey of makeup users identified shiny spot formation following foundation application to be the problem most frequently complained of. Our goal was to identify those factors responsible for optical degradation and develop an effective means of countering this phenomenon. Our research confirmed that the secretion of **sebum** plays a key role in shiny spot formation. We studied the components of **sebum** causing optical degradation, and identified particular unsaturated free fatty acid (FA) as the main culprits. By lowering the melting point of **sebum**, unsaturated free FA caused wetting of the makeup substrate, altering its optical properties, leading to the formation of shiny spots. Understanding of the basic cause of optical degradation of the makeup film enabled us to design a new compound which can selectively absorb specific FA. By chemically modifying the structure of certain clay minerals, we developed unique interlayered compounds having precisely controlled spacing of the silicate layers of the clay and selective absorption properties. One compound we developed consists of **zinc oxide** precursor loaded in alumina pillar interlayered clay (ZA-pilc). In vitro and in vivo testing on **powder** foundations incorporating ZA-pilc proved that the compound was remarkably effective in suppressing optical degradation, prolonging the life time of makeup in actual usage conditions. Besides preventing optical degradation of makeup film, incorporation of ZA-pilc in **cosmetic** formulations may offer an additional benefit of reducing **acne** formation through selective absorption of FA. Our experimental results indicate that ZA-pilc suppresses comedo formation in the ear of rabbits, suggesting the possibility of application in anti-**acne** preparations

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